

Work Order ID 84243

\*84243\*

*Copy*

Tuesday, May 08, 2012 12:49:32 PM

Page 1

Item ID: D412-704-015

Accept

\*N900040100\*

Setup Start

\*NS1\*

Revision ID:

Stop

\*NS2\*

Item Name: Copilot Emergency Cargo Release

Start Date: 5/8/2012 Start Qty: 1.00

\*1\*

Cust Item ID:

Required Date: 5/17/2012 Req'd Qty: 1.00

\*1\*

Customer:

Reference:

Approvals:

Process Plan:

*mf*

Date:

*12-05-08*

Tooling:

Date:

Run Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

100

\*100\*

DC

Document Control

DOCUMENT CONTROL

Memo

Photocopy bluefile and create labels per PPP D412-704-015 CHG001

0.00

0.00

110

\*110\*

Packaging

Packaging

Pick Kit

Memo

0.00

0.00

120

\*120\*

QC

Quality Control

QC4- 100% Inspect kits for completeness

Memo

0.00

0.00

*1/2 mf  
12-05-09  
per EUN  
12-583*

*MW 12/05/10*

*(1)*

*m/s 12-05-10*

*PTO*

*10/5/10*

*(1)*

*m 12-05-10*

Dart Aerospace Ltd

W/O: 84243		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		PULL D412-704-045 x 1 B79696 from Kit Remove & scrap AN3-13A Replace with AN3-10A x 1 #120873 per ECN 12-583 (DSI 9611)	ME PB	12-05-09		U CWS/14	

Part No: D412704-015 PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**Work Order ID 84243**

Tuesday, May 08, 2012 12:49:32 PM

**\*84243\***

Page 2

Item ID: D412-704-015

Accept

**\*N9000040100\***

Setup Start

**\*NS1\***

Revision ID:

Stop

**\*NS2\***

Item Name: Copilot Emergency Cargo Release

Start Date: 5/8/2012 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 5/17/2012 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

**\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

0.00

**\*130\***

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-704-

015 Location:

PPP Rev:

**A**

SHIP

140

QC21- Final Inspection - Work Order Release

0.00

**\*140\***

QC

Memo

0.00

Quality Control

MS 6/05/10

MF 12-05-10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, May 08, 2012 12:49:31 PM

Page 1

Work Order ID: 84243

Parent Item: D412-704-015

Parent Item Name: Copilot Emergency Cargo Release

Start Date: 5/8/2012



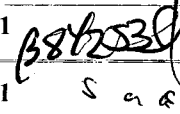















Required Date: 5/17/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A NEW ISSUE 12-03-22 JLM VERIFIED BY:EC  
566 DD verf:EC

IPP REV:B 12.04.20 per cen-

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
 <b>D412-704-141</b> Pedal Assembly		Manufactured	No			110	Each	0.0000		1			
 <b>D412-704-045</b> Cable Assembly (212/214/412)		Manufactured	No			110	Each	2.0000		1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST223		2							
				79696		2							
 <b>D3207-5</b> Bracket		Manufactured	No			110	Each	11.0000		1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST202		11							
				70293		1							
				79103		10							
 <b>D3207-7</b> Packer		Manufactured	No			110	Each	18.0000		1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST202		18							
				82198		18							
 <b>D3207-9</b> Bracket		Manufactured	No			110	Each	13.0000		1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				FG197		13							
				82199		13							
 <b>D3208-1</b> Doubler		Manufactured	No			110	Each	10.0000		1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST202		10							
				82200		10							

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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Tuesday, May 08, 2012 12:49:32 PM

Page 2

Work Order ID: 84243

Parent Item: D412-704-015

Parent Item Name: Copilot Emergency Cargo Release

Start Date: 5/8/2012

Required Date: 5/17/2012

Start Qty: 1.00

Required Qty: 1.00

D3208-1.1

Filler

Manufactured No

110 Each 14.0000

1 1

Location

Loc Qty

Loc Code

ST202

14

82201

14

D3208-3

Pedal Mount Angle

Manufactured No

110 Each 6.0000

1 1

Location

Loc Qty

Loc Code

ST202

6

79367

6

D3208-7

Filler

Manufactured No

110 Each 7.0000

1 1

Location

Loc Qty

Loc Code

ST202

7

83746

7

D3208-9

Doubler

Manufactured No

110 Each 6.0000

1 1

Location

Loc Qty

Loc Code

ST202

6

77896

6

D3214-1

Placard

Manufactured No

110 Each 5.0000

1 1

Location

Loc Qty

Loc Code

ST202

5

79358

5

D4610-1

Doubler

Manufactured No

110 Each 11.0000

1 1

Location

Loc Qty

Loc Code

ST203

11

82203

11

Tuesday, May 08, 2012 12:49:32 PM

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Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

Tuesday, May 08, 2012 12:49:32 PM

Page 3

Work Order ID: 84243

Parent Item: D412-704-015



















Parent Item Name: Copilot Emergency Cargo Release

Start Date: 5/8/2012

Required Date: 5/17/2012

Start Qty: 1.00

Required Qty: 1.00

 <b>D4610-3</b> Doubler	Manufactured	No		110	Each	8.0000		1	
			<u>Location</u>	<u>Loc Qty</u>		<u>Loc Code</u>			
			ST237A	8					
			83747	8					
 <b>D4610-7</b> Cover	Manufactured	No		110	Each	0.0000		1	
 <b>MS21919-DG5</b> Clamp	Purchased	No		110	Each	90.0000		4	
			<u>Location</u>	<u>Loc Qty</u>		<u>Loc Code</u>			
			306	50					
			121652	50					
			ST306	40					
			119638	12					
			120498	3					
			120731	25					
 <b>D4622-1</b> Placard	Manufactured	No		110	Each	10.0000		1	
			<u>Location</u>	<u>Loc Qty</u>		<u>Loc Code</u>			
			st139g	10					
			83748	10					
 <b>D4622-3</b> Placard	Manufactured	No		110	Each	10.0000		1	
			<u>Location</u>	<u>Loc Qty</u>		<u>Loc Code</u>			
			st139g	10					
			83749	10					
 <b>MS35489-149</b> GROMMET	Purchased	No		110	Each	0.0000		1	

Tuesday, May 08, 2012 12:49:32 PM

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Page 3

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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# **DART SERVICE INSTRUCTION**

TO AMEND IIN-D412-704 REV. C OR EARLIER  
AND ICA-D412-704 REV. 4 OR EARLIER

REF CANADIAN STC SH93-34

REF FAA STC SR00957NY

REF EASA STC EASA.IM.R.00696

## **PURPOSE**

The purpose of this Dart Service Instruction is to correct part number error in Installations Instruction IIN-D412-704 Rev. C or earlier and Instructions for Continued Airworthiness ICA-D412-704 Rev. 4 or earlier. The AN3-13A bolt should be replaced with an AN3-10A bolt in Figure 5 - Detail L in IIN-D412-704 and Figure 25-4 Detail L in ICA-D412-704. See sheet 2.

## **PART LIST CORRECTION**

Revise Part Lists in IIN-D412-704 & ICA-D412-704 as follows:

### **NOW**

Qty -043	Qty -045	Part Number	Description
X		D205-704-043	CABLE ASSEMBLY (205)
	X	D412-704-045	CABLE ASSEMBLY (210/212/214/412)
1	1	AN3-10A	BOLT

### **WAS**




Qty -043	Qty -045	Part Number	Description
X		D205-704-043	CABLE ASSEMBLY (205)
	X	D412-704-045	CABLE ASSEMBLY (210/212/214/412)
1	1	AN3-13A	BOLT

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 12.05.07  
CERT. NO.: SH93-34  
ISSUE NO.: 2

A	NEW ISSUE (REF PAR	RF	12.05.07
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9611	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		<b>PART NUMBER CORRECTION</b> NTS	
DATE	12.05.07	COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

W/O:		WORK ORDER CHANGES						
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

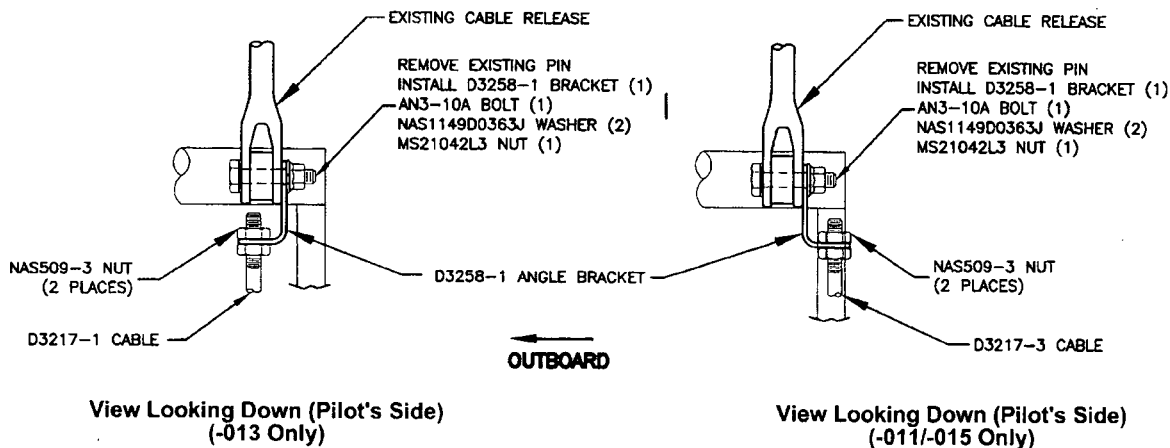
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

## FIGURES CORRECTION

Revise Detail L Figure 5 of IIN-D412-704 and Detail L Figure 25-4 of ICA-D412-704 as follows:

### NOW



### WAS

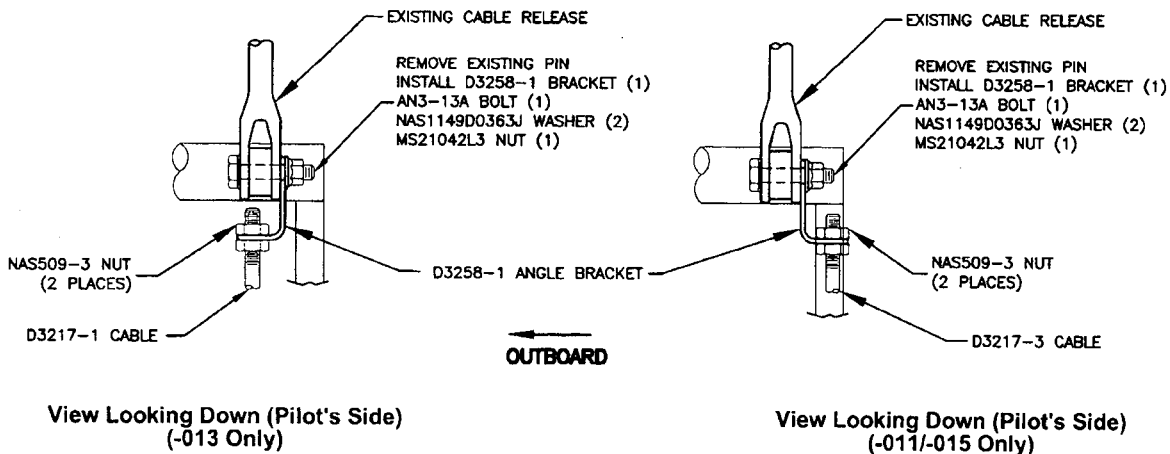


Figure 5 - Detail L or Figure 25-4 - Detail L

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY: *[Signature]*  
D. SHEPHERD (DE # 02)

DATE: 12.05.07  
CERT. NO.: SH93-34  
ISSUE NO.: 2

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<del>RF</del>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9611	SHEET 2 OF 2
APPROVED	<del>RF</del>	TITLE	SCALE
DE APPR.	<del>RF</del>	PART NUMBER CORRECTION NTS	
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W/O:		WORK ORDER CHANGES						
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

# REFERENCE ONLY

DART AEROSPACE LTD.

IIN-D412-704

Page 16 of 17

## 5.0 PARTS LIST

Qty -011	Qty -013	Qty -015	Qty -041	Qty -141	Qty -043	Qty -045	Part Number	Description
X							D412-704-011	COPILOT'S EMERGENCY CARGO RELEASE KIT (210/212/214)
	X						D205-704-013	COPILOT'S EMERGENCY CARGO RELEASE KIT (205)
		X					D412-704-015	COPILOT'S EMERGENCY CARGO RELEASE KIT (412)
1	1		X				D412-704-041	PEDAL ASSEMBLY (205/210/212/214)
		1		X			D412-704-141	PEDAL ASSEMBLY (412)
	1				X		D205-704-043	CABLE ASSEMBLY (205)
1		1				X	D412-704-045	CABLE ASSEMBLY (210/212/214/412)
			1	1			D3204-041	PEDAL ASSEMBLY (OR ECM 999702-1)
			1	1			D3205-1	PEDAL BRACKET (OR ECM 999703-1)
			1	1			D3205-3	BACK PLATE (OR ECM 999709-5)
			1	1			D3206-1	PEDAL ARM (OR ECM 999704-1)
	1						D3207-1	BRACKET
	1						D3207-3	BRACKET
1		1					D3207-5	BRACKET
1	1	1					D3207-7	PACKER
		1					D3207-9	BRACKET
1							D3207-11	BRACKET
1	1	1					D3208-1	DOUBLER (OR ECM 999709-1)
1		1					D3208-11	FILLER
1	1	1					D3208-3	PEDAL MOUNT ANGLE (OR ECM 999709-7)
	1						D3208-5	MOUNT ANGLE
1	1	1					D3208-7	FILLER (OR ECM 999709-3)
1		1					D3208-9	DOUBLER
			1	1			D3209-041	BRACKET ASSEMBLY (OR BHT 204-070-993-001)
1	1	1					D3214-1	PLACARD (OR ECM 999712-1)
					1		D3217-1	CABLE
						1	D3217-3	CABLE
					1	1	D3257-1	FITTING
					1	1	D3258-1	ANGLE BRACKET
		1					D4610-1	DOUBLER
		1					D4610-3	DOUBLER
			1	1			D4610-5	SHIM
		1					D4610-7	COVER
				1			D4611-1	BUSHING
		1					D4622-1	PLACARD
		1					D4622-3	PLACARD
			1	1			AN3-10A	BOLT
					1	1	AN3-13A	BOLT
			1	1			AN315-4R	NUT
					1	1	AN3-5A	BOLT
			2	2			AN3-6A	BOLT
			1	1			AN4-10A	BOLT
			2				AN4-11A	BOLT
				2			AN4-12A	BOLT
			1				AN4-13A	BOLT

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Revision: C

Date: 12.04.12





Qty -011	Qty -013	Qty -015	Qty -041	Qty -141	Qty -043	Qty -045	Part Number	Description
				1			MS20002-4	WASHER
				1			MS20004-24	BOLT
			3	3	2	2	MS21042L3	NUT (OR MS21042-3)
			5	5			MS21042L4	NUT (OR MS21042-4)
4	4	4					MS21919DG5	CLAMP
			1				MS24694-S102	SCREW
				1			MS24694-S104	SCREW
	2						MS35489-10	GROMMET
		1					MS35489-149	GROMMET
			1	1			MS9519-10	BOLT
			4	4	2	2	NAS1149D0332J	WASHER (OR AN960JD10L)
			5	5	2	2	NAS1149D0363J	WASHER (OR AN960JD10)
			3	2			NAS1149D0416J	WASHER (OR AN960JD416L)
			14	13			NAS1149D0463J	WASHER (OR AN960JD416)
					3	3	NAS509-3	NUT

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